

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/563,779A  
Source: FWO  
Date Processed by STIC: 2/15/07

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 02/15/2007

PATENT APPLICATION: US/10/563,779A

TIME: 16:57:04

Input Set : A:\Sequence Listing disk 70269.txt

Output Set: N:\CRF4\02132007\J563779A.raw

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3 <110> APPLICANT: Syngenta Limited
5 <120> TITLE OF INVENTION: A method of selectively producing male or female sterile
plants
7 <130> FILE REFERENCE: PPD70629
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/563,779A
C--> 9 <141> CURRENT FILING DATE: 2006-01-06
9 <160> NUMBER OF SEQ ID NOS: 7
11 <170> SOFTWARE: PatentIn version 3.1
14 <210> SEQ ID NO: 1
15 <211> LENGTH: 27
16 <212> TYPE: DNA
17 <213> ORGANISM: Artificial Sequence
19 <220> FEATURE:
20 <223> OTHER INFORMATION: Primer
22 <400> SEQUENCE: 1
23 aactgcagct ttttggttag cgaatgc
26 <210> SEQ ID NO: 2
27 <211> LENGTH: 35
28 <212> TYPE: DNA
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Primer
34 <400> SEQUENCE: 2
35 cagactagtt ttagctaatt tctttaagta aaaac
38 <210> SEQ ID NO: 3
39 <211> LENGTH: 1107
40 <212> TYPE: DNA
41 <213> ORGANISM: Rhodotorula gracilis
43 <400> SEQUENCE: 3
44 atgggatccc aaaagagggg tgtggtgctg gggtccggcg tgataggact cagctccgcg 60
46 cttatacttg cccggaaggg gtactccgtc cacatcctgg cccgggacct cccagaggat 120
48 gttagctcac agaccttcgc gtccccttgg gctggagcca actggacccc ttttatgacc 180
50 ctactgacg gcccagaggc ggcaaagtgg gaggagtcta cattcaagaa gtgggtggaa 240
52 ctgtgtccaa cggggcatgc catgtggttg aagggaacca ggcgtttcgc ccaaatgag 300
54 gacggactgc tcggtcactg gtacaaagat atcaccccca attatagacc cttgccctct 360
56 tccgaatgtc caccaggcgc tattggcggtg acttatgaca cattgtcagt gcacgctcca 420
58 aagtactgcc aatacctcgc aaggagagctc cagaagctgg gggcgacatt cgagcgccgc 480
60 accgttactt ccctcgagca agcttttgat ggggctgacc tcgtcggttaa cgcgacgggg 540
62 ctgggtgcca agtccatcgc tggcatcgat gaccaggcgg ccgagcctat tcgcggtcaa 600
64 acggtgctcg tcaagtcgcc ctgcaaaagg tgtactatgg acagctcgga cccggcatca 660
66 ccggcgatca tcatcccgcg gccaggaggc gaagtgattt gcggcggtac gtacggggtc 720
68 ggagactggg atctctcggg caaccagag accgtccagc gcaccccaa aactgcctg 780
70 cgcctggatc cgactatttc ttcggacggc acaatcgaag gcacgaggt gctgcggcat 840
72 aacgtcggac tcagaccggc gaggagggga ggccctcgcg ttgaagccga gaggattggt 900

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74 cttccacttg acagaacgaa gagccccctc tcactggggc gtgggagcgc tcgtgcggcc 960
76 aaggagaagg aggtgacttt ggtgcatgcc tacggtttct ccagcgtgg ctatcaacag 1020
78 tcttggggcg cagccgaaga cgtcgcacaa ttggtcgatg aggcgtttca gaggtatcat 1080
80 ggggccgccc gcgagtctaa gctctga 1107
83 <210> SEQ ID NO: 4
84 <211> LENGTH: 120
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Primer
91 <220> FEATURE:
92 <221> NAME/KEY: misc_feature
93 <222> LOCATION: (22)..(22)
94 <223> OTHER INFORMATION: Where n=a,t, c or g.
97 <220> FEATURE:
98 <221> NAME/KEY: misc_feature
99 <222> LOCATION: (23)..(23)
100 <223> OTHER INFORMATION: Where n=a,t, c or g.
103 <220> FEATURE:
104 <221> NAME/KEY: misc_feature
105 <222> LOCATION: (24)..(24)
106 <223> OTHER INFORMATION: Where n=a,t, c or g.
109 <220> FEATURE:
110 <221> NAME/KEY: misc_feature
111 <222> LOCATION: (97)..(97)
112 <223> OTHER INFORMATION: Where n=a,t, c or g.
115 <220> FEATURE:
116 <221> NAME/KEY: misc_feature
117 <222> LOCATION: (98)..(98)
118 <223> OTHER INFORMATION: Where n=a,t, c or g.
121 <220> FEATURE:
122 <221> NAME/KEY: misc_feature
123 <222> LOCATION: (99)..(99)
124 <223> OTHER INFORMATION: Where n=a,t, c or g.
127 <400> SEQUENCE: 4
W--> 128 tccccatgca agcgatgcac gnnngactcg tccgaccccg cttctcccg cttacatcatt 60
130 ccccgaccag gtggcgaagt catctgcggc gggacgnnng gcgtgggaga ctgggacttg 120
133 <210> SEQ ID NO: 5
134 <211> LENGTH: 120
135 <212> TYPE: DNA
136 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: Primer
141 <220> FEATURE:
142 <221> NAME/KEY: misc_feature
143 <222> LOCATION: (22)..(22)
144 <223> OTHER INFORMATION: Where n=a,t, c or g.
147 <220> FEATURE:
148 <221> NAME/KEY: misc_feature

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## RAW SEQUENCE LISTING

DATE: 02/15/2007

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TIME: 16:57:05

Input Set : A:\Sequence Listing disk 70269.txt

Output Set: N:\CRF4\02132007\J563779A.raw

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149 <222> LOCATION: (23)..(23)
150 <223> OTHER INFORMATION: Where n=a,t, c or g.
153 <220> FEATURE:
154 <221> NAME/KEY: misc_feature
155 <222> LOCATION: (24)..(24)
156 <223> OTHER INFORMATION: Where n=a,t, c or g.
159 <220> FEATURE:
160 <221> NAME/KEY: misc_feature
161 <222> LOCATION: (97)..(97)
162 <223> OTHER INFORMATION: Where n=a,t, c or g.
165 <220> FEATURE:
166 <221> NAME/KEY: misc_feature
167 <222> LOCATION: (98)..(98)
168 <223> OTHER INFORMATION: Where n=a,t, c or g.
171 <220> FEATURE:
172 <221> NAME/KEY: misc_feature
173 <222> LOCATION: (99)..(99)
174 <223> OTHER INFORMATION: Where n=a,t, c or g.
177 <400> SEQUENCE: 5
W--> 178 caagtcccag tctcccacgc cnnncgtccc gccgcagatg acttcgccac ctggtcgggg 60
180 aatgatgtag gcgggagaag cgggggtcgga cgagtcnnc gtgcatcgct tgcattgggga 120
183 <210> SEQ ID NO: 6
184 <211> LENGTH: 7
185 <212> TYPE: PRT.
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: Motif of R.gracilis D-amino acid oxidases
191 <400> SEQUENCE: 6
193 Arg Cys Thr Met Asp Ser Ser
194 1 5
197 <210> SEQ ID NO: 7
198 <211> LENGTH: 7
199 <212> TYPE: PRT
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Motif of R.gracilis D-amino acid oxidases
205 <400> SEQUENCE: 7
207 Gly Gly Thr Tyr Gly Val Gly
208 1 5

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/563,779A

DATE: 02/15/2007  
TIME: 16:57:06

Input Set : A:\Sequence Listing disk 70269.txt  
Output Set: N:\CRF4\02132007\J563779A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 22, 23, 24, 97, 98, 99

Seq#:5; N Pos. 22, 23, 24, 97, 98, 99

**VERIFICATION SUMMARY**

DATE: 02/15/2007

PATENT APPLICATION: US/10/563,779A

TIME: 16:57:06

Input Set : A:\Sequence Listing disk 70269.txt

Output Set: N:\CRF4\02132007\J563779A.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0

M:341 Repeated in SeqNo=4

L:178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0

M:341 Repeated in SeqNo=5